

ABSTRACT

A particulate matter-removing filter being resistant to clogging and ash blocking, requiring no special means such as back-washing and heating combustion, and being formed of inexpensive materials; and exhaust emission controlling method and device using this. (1) A particulate-matter-containing exhaust emission controlling filter which uses as a basic unit a pair of porous corrugated sheet and a porous flat sheet that support an exhaust emission controlling catalyst, has a molding formed by laminating the porous corrugated sheets so that their ridge lines alternately cross perpendicularly, has one of side surfaces, perpendicularly crossing the corrugated sheet ridge lines, of the molding or mutually-adjoining two surfaces that are the perpendicularly-crossing side surfaces sealed, and has exhaust gas in-flow passage and out-flow passage respectively formed between porous corrugated sheets via a porous flat sheet. (2) A filter having the exhaust emission controlling catalyst that is an oxidizing catalyst for oxidizing nitrogen monoxide in an exhaust gas.